

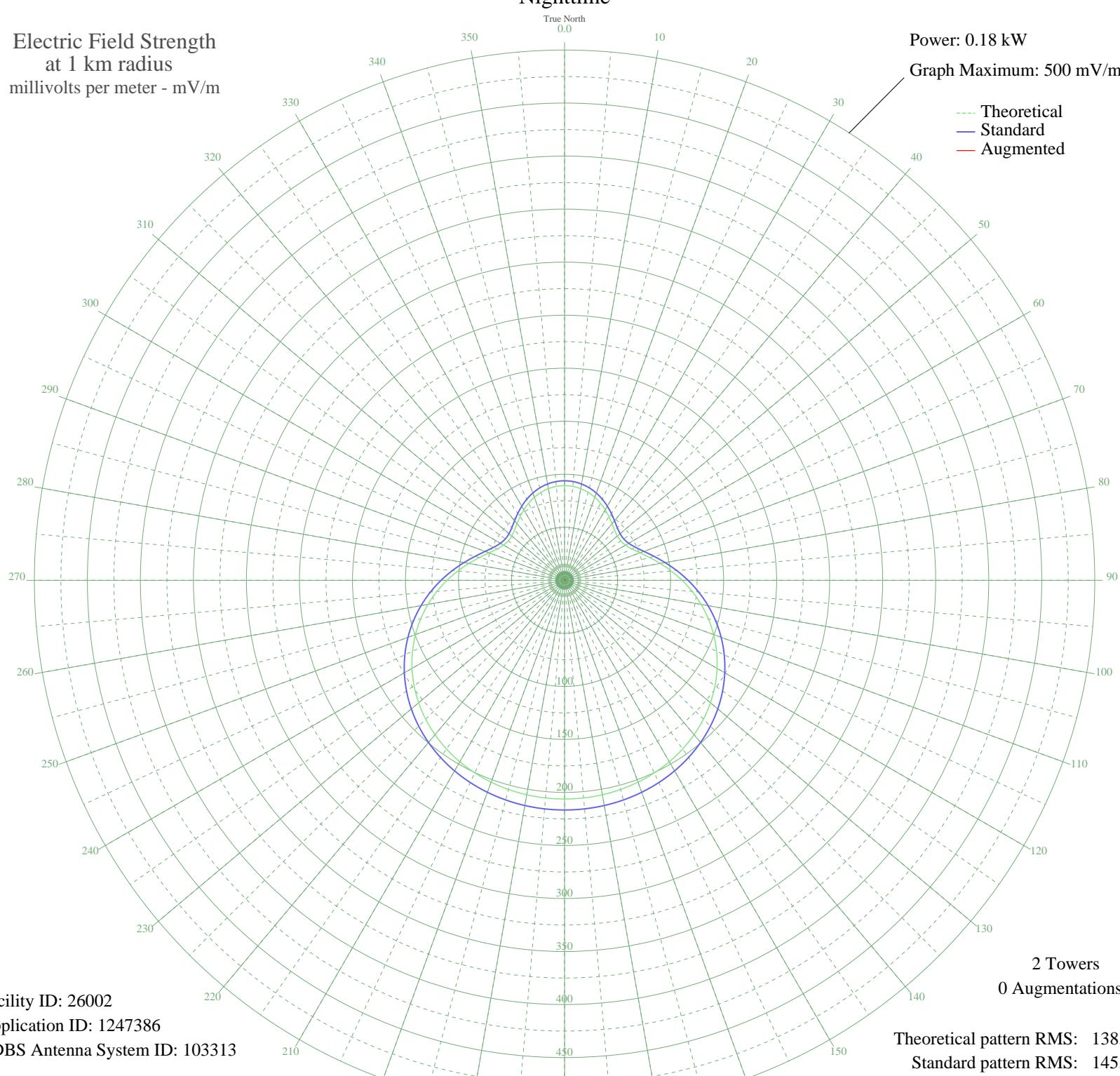
KGBC DAYTON, TX BP-20080204AAA 1540 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 0.18 kW
Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented



Facility ID: 26002
Application ID: 1247386
CDBS Antenna System ID: 103313

2 Towers
0 Augmentations

Theoretical pattern RMS: 138.10
Standard pattern RMS: 145.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	89.27	93.83	
5	88.88	93.43	
10	87.72	92.21	
15	85.83	90.24	
20	83.29	87.57	
25	80.21	84.34	
30	76.74	80.70	
35	73.13	76.91	
40	69.68	73.30	
45	66.81	70.29	
50	65.00	68.40	
55	64.74	68.13	
60	66.40	69.86	
65	70.12	73.76	
70	75.78	79.69	
75	83.07	87.34	
80	91.60	96.29	
85	100.97	106.12	
90	110.83	116.45	
95	120.85	126.97	
100	130.79	137.40	
105	140.43	147.51	
110	149.60	157.14	
115	158.18	166.15	
120	166.07	174.43	
125	173.22	181.94	
130	179.60	188.63	
135	185.20	194.51	
140	190.03	199.58	
145	194.13	203.89	
150	197.55	207.48	
155	200.33	210.39	
160	202.51	212.68	
165	204.16	214.41	
170	205.30	215.61	
175	205.97	216.32	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	206.19	216.55	
185	205.97	216.32	
190	205.30	215.61	
195	204.16	214.41	
200	202.51	212.68	
205	200.33	210.39	
210	197.55	207.48	
215	194.13	203.89	
220	190.03	199.58	
225	185.20	194.51	
230	179.60	188.63	
235	173.22	181.94	
240	166.07	174.43	
245	158.18	166.15	
250	149.60	157.14	
255	140.43	147.51	
260	130.79	137.40	
265	120.85	126.97	
270	110.83	116.45	
275	100.97	106.12	
280	91.60	96.29	
285	83.07	87.34	
290	75.78	79.69	
295	70.12	73.76	
300	66.40	69.86	
305	64.74	68.13	
310	65.00	68.40	
315	66.81	70.29	
320	69.68	73.30	
325	73.13	76.91	
330	76.74	80.70	
335	80.21	84.34	
340	83.29	87.57	
345	85.83	90.24	
350	87.72	92.21	
355	88.88	93.43	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

14 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission